

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: "Thomas J. Whalen" <whalen@swcp.com>
Subject: [18016] 10m open!
Message-ID: <Pine.SUN.3.91.970422122740.18360A-100000@kitsune.swcp.com>

Hi Fellow QRPers! Sure pays to work weird hours sometimes! Ten meters is open to Cal. right now as I type. Time is 1830z. Just worked WD6CKT on 28.060 and will be calling cq for the next half hour. How about some 10m contacts!!! 72, and cu on 10! Tom WB5QYT

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Karl Heimbach <heimbach@concentric.net>
Subject: [18013] 38S "thump modification"
Message-ID: <335CFAEC.5FC9@concentric.net>

I removed the RIT mod from my 38 Special yesterday and am able to use it now (no more chirp). Would someone please forward the "thump elimination" mod?

Thanks,

Karl - W5QJ

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: tim_hynde@idecc.com
Subject: [18008] 40A mod & other
Message-ID: <9704228617.AA861728122@idec_mail.idecc.com>

Q1. If I wanted to replace the varactor diode in the NorCal 40a for a capacitor can someone recommend a value. I want to get 7.0 to 7.150 if it's possible. Also with this much coverage would it be useful to bring the front end tuning capacitor to the front panel to act as a pre-select or would it not matter for 150KHz.

Q2 - Not QRP but since there are some real wiz kids on this reflector...I have a 6m commercial rig using a rock about 6.5MHz for TX and 13.5MHz (+/-) rock for RX. Can anyone recommend a DDS chip that is EASY to use, I want something that I can change the freq binarily. The thought was to burn a PROM with all the repeater combinations and then use a thumbwheel to select the freq. Leaving the highest address bit open for TX/RX switching. So the DDS would need to cover 6 to 14 MHz (that should be the easy part). Any thoughts?

73, Tim, ka8ddz

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: rerobins@unccvm.uncc.edu (Rick Robinson)
Subject: [17991] 8044 data sheet needed
Message-ID: <v02130504af8225b5fbd1@[152.15.144.13]>

Someone posted a pointer to the data sheet for the Curtis 8044 chip several months. Could you post it again?

72,

Rick kf4ar

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: "Michael Connor" <mikec@primenet.com>
Subject: [18011] AADE'S Digi Display
Message-ID: <199704221735.KAA01891@usr02.primenet.com>

Greetings gang,

Has anyone tried one of the digital frequency displays by
Almost All Digital Electronics?

Impressions?

Mike
N07K
AZ ScQRPions

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Chris Cartwright <ccart@dns.vidtel.com>
Subject: [17968] An "extra" copy of 12/96 QRPp

Message-ID: <Pine.LNX.3.93.970421200319.1662A-100000@dns.vidtel.com>

Well, my four volume set of QRPP showed up today (yes I have a lot of reading to do) so I find I have an extra copy of the Dec 96 QRPP. Seeing the number of posts from those who's copies were offered as a sacrifice to the USPO, I'd like to give it to someone who never got theirs. Is there some fair and fun way for me to give this away? The "winner" gets a replacement copy of his/her Dec QRPP, I just have no idea what the "contest" is.

Email direct to save the digesters and I'll post a summary.

```
-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- Phone 301.990.0735 N3XRV QRP-L #655 | ccart@erols.com --
-- QRP WAS 14/8 (w/c) QRP-ARCI #9271 | http://dns.vidtel.com/~ccart --
-- WIMPS Q's=00 30M=00 17M=00 12M=00 STATES=00/00/00 DX=00/00/00 QSL's=00 --
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From owner-qrp-l@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>
Subject: [17999] Any SSBers in QRPTTF?
Message-ID: <199704221511.LAA39269@nss2.CC.Lehigh.EDU>

Hi Gang,

I will operate with my Cubbie this weekend if there are enough guys who will be running SSB. Right now I know of only two, NA5N and WB2VU0.

So, just how many of you guys want to talk? Same points per QSO either CW or SSB as near as I can tell.

72, Mark N2VPK
Member of the Buffalo QRP Connection
WIMPS: Qs=007 30m=7 17m=0 12m=0 States=07/00/00 DXCC=04/00/00

From owner-qrp-l@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Bill Jones <kd7s@psnw.com>
Subject: [18019] Anybody tried a bi-square antenna?
Message-ID: <335D133C.26D0@psnw.com>

Friends,

I am looking rather seriously at building a 20 meter bi-square antenna

for field day. I intend to incorporate a remotely actuated switch at the top of the diamond to close the loop for 40 meter use. Have any of you had any hands-on experience with a bi-square?

--

=====
Bill Jones - KD7S <><
Sanger, California
Reply to kd7s@psnw.com
=====

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: gsurrency@juno.com (Gary L Surrency)
Subject: [17978] ARK30 mods
Message-ID: <19970421.213517.9902.0.gsurrency@juno.com>

Thanks to Daniel Wee, I now have the info I wanted on the ARK 30 bandpass filter mods.

Once again this list proves to be a wonderful resource. Thanks everybody.

72,

Gary Surrency AB7MY
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH
Az ScQRPions

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: wb2vuo@juno.com (William K Hibbert)
Subject: [17989] Band Openings on 17 - 10 Meters
Message-ID: <19970422.074634.7791.0.wb2vuo@juno.com>

It happened again last nitght. After the bands "closed" in the late afternoon, the N-S paths opened with a vengeance about 2300Z. The local packet DXCluster had spots on 17/15/12/10 Meters right up through to 0300Z for LU's, PY's, CE's and CX's. I worked another half-dozen LU's on 10 Meters, and got yet another report for the local beacon (KB2YTW/B) via an SSB QSO with a ham in Santiago, Chile.

This is the time for the N-S DX paths, regardless of the low sunspot numbers. Also, look for South Africa and the southern African countries from 1100Z to about 1700Z on 10 meters (and 17 - 12 Mtrs, too...)

In 1974, I was operating as WB2VU0/VQ9C. The solar condix were just about as rotten as we are seeing now, but whenever I fired up on 10

Meters from my Equatorial haven, I was innundated with calls from DU's & JA's and this was during the dead bottom of the cycle.

One dissappointment is the lack of CW on the 12 & 10 Meter bands. With LU's in here on SSB at 57 to 59 +++, not a single CW signal except for the beacons. Even packet was active with 300-baud activity around 28.105 MHz, and 1200-baud at 28.175 MHz and 28.185 28.185 MHz...

The propagation is there. The activity is lacking. Get you CW keyer memories primed, and send LOTS of CQ's on 12 & 10 Mtrs...

72/73, Keith, WB2VUO, QRP-L #582, scQRP 40, 100% QRP
Tech Specialist (ARRL/WNY), ARRL Life Member,
Trustee, KB2YTW/B 10 Mtr QRP Beacon (4 Watts @ 28.2870 MHz)
"In the Depths of the Great Bergen (NY) Swamp...FN13ac"
Packet - wb2vuo@w2im.#wny.ny.usa.noam *** Email - wb2vuo@juno.com
SnailMail - CBA *** Phone - 716.494.1239

From owner-qrp-l@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>
Subject: [17981] Buzznot ?
Message-ID: <9704220535.AA26643@wizard.ucs.sfu.ca>

I would like to hear anyone's experiences with the buzznot. It looks like noone has put one in an OHR400 yet, but would like to know if they are worth the effort. I have intermittent QRN problems here, and since I put the KC-2 in the ohr400 I need to find something to put in place of the "speed" pot which is now obsolete ;-).

cheers, Paul
VE7CQK
email: paul1@wizard.ucs.sfu.ca

Also, thanks to all those who replied to my ohr400 stability problem. Tweeking the vfo inductor/cap took care of the problem.

wpe

From owner-qrp-l@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Jim W7LS <w7ls@brigadoon.com>
Subject: [17983] Centennial instruction manual is great!

Message-ID: <199704220811.BAA22176@olympic.brigadoon.com>

Hi, gang.

I just received my Centennial rig today and here is the quick review: The board looks fine. Not crammed at all. Silk screen is blue and really fine lined. Next rev should fatten up the fonts and make them white. Hard to read.

The thing that does stand out immediately is the manual. It is really well done and I hope the other kit manufacturers will take a look at it and employ the same theme. It takes you through stages like the others, but here is the difference: It says to grab all of the .1 caps, for instance, and stuff them into the holes in the diagram called for. That diagram looks like a Sam's Fotofax, with locations called out around the periphery and lines leading to where they are on the board. Brilliant! That makes it 87 times easier to find the stuff (87 is a rough number :)). There are a ton of diagrams to use. The manual is 19 pages long.

The CW adapter that is offered is no more. I got a refund of my \$3.50 with my order. So far, my dealing with Dan is 110% fast and honest. It is simply an oscillator that you plug into the mic jack. As previously suggested, a keyer sidetone oscillator would work fine for this job.

One concern is the stability of the vfo. It covers a whopping 500 KHz and I'm waiting to see if it drifts with temp. I have no evidence that it will drift, as I have not put the thing together, yet. I plan on using the new LCD freq counter from Almost All Digital Electronics in Auburn, WA. They're \$50 and take 10 or 20 minutes to put together. He is on the web. See current QST for his ad.

Confession time! I solder stuff for a living and my view on all of these kits is that I will build them for one purpose only. That is to have the thing to play with and use. I derive no pleasure out of building them anymore. Hence, these fine instructions are a blessing to me. Fact is, I wish the kit manufacturers would offer their wares in both kit and finished form. I'd even accept a delay until the manufacturer got enough orders together to make a run at the local stuffing shop. Any feedback, out there??

73 de Jim, W7LS

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997

From: "HS2JFW/QRP,Joe" <a37s0112@orchid.bu.ac.th>

Subject: [17987] Change new e-mail.

Message-ID: <Pine.SOL.3.95.970422173128.29077B-100000@orchid.bu.ac.th>

Hi gang,

I had change new e-mail address. How can I change forward for qrp-1 to my new e-mail address?

73 ,Joe

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*****
Pornchai Semjang ,Joe                QRP-L #938
HS2JFW , N3YGP                      QRP-HS#1
Bangkok University                  or hs2jfw@hotmail.com
a37s0112@orchid.bu.ac.th or hs2jfw@amsat.org
                                   or hs2jfw@callsign.net
HomePage "http://www.geocities.com/Hollywood/7227"
*****

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From owner-qrp-l@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: "Gary R. Widmayer" <grwidma@edcen.ehhs.cmich.edu>
Subject: [17960] CQ, WR4I
Message-ID: <335BF3DD.27B7@edcen.ehhs.cmich.edu>

Dennis, your Ten-Tec at 5 watts and your rain gutter antenna from VA was working great into Michigan this morning!

Your qrp signal had to work a bit but I did get your "4I/QRP" in the noise so I worked a bit harder to work you than normal (which is ok, you being qrp and all,...hi hi). Many thanks for the great chat and the nice report on my FT-900 mobil w/ the hamstick on 40 meters, SSB.

Hope to see you at Dayton on Friday nite!

CUL

Gary/N8AYY

From owner-qrp-l@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Mark Gilger <mgilger@concentric.net>
Subject: [17966] DAYTON MOTEL ROOM CANX.
Message-ID: <3.0.32.19970421200846.006c061c@pop3.concentric.net>

I've just canceled my room at the Knights Inn. It's across from the Days Inn where the qrp group is. They still might have it avail for the first one to call 513-859-8797
Mark - WB0IOK-

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
Subject: [17990] DAYTON QRP vendor list update.(versions 1.1)
Message-ID: <Pine.GS0.3.95.970422074106.14778A-100000@destrier.acsu.buffalo.edu>

Note categories for KEYS, and RIGS (new),RIGS/etc (used),ANTENNAS(new),
Other Ham RELATED.

73,

Jim N2GO
The Buffalo QRP CONNECTION

I will be taking a list of the qrp vendors and hams who will have flea market spaces at Dayton. I will compile a list and post it here the week before Dayton. This list may be of use to hams that won't attend...they can use it as a shopping list.

I will be using the categories listed in the ARRL handbook under Component data /ARRL Parts supplier list.(with slight modifications)

- A- General Suppliers
- B-Inductor Cores
- C-Circuit Board etching supplies
- D-RF Power transistors
- E-Microwave components
- F-Antenna Hardware
- G-Dials and Knobs
- H-Variable capacitors
- I-Transformers
- J-IF filters
- K-Project Cases
- L-Project Kits
- M-Surplus Parts
- N-Vacuum Tubes
- O-Mechanical Teletype Supplies
- P-Integrated Circuits
- Q-Equipment Manuals
- R-Test Equipment
- S-RIGS-NEW
- T-Etched Circuit Boards
- U-Wire
- V-Crystals

W-KEYS
X-ANTENNAS-NEW
Y-RIGS ETC-USED
Z-OTHER -HAM RELATED

Please use only the above codes, no extra verbiage in the following
format.address to me titled "AD DAYTON" using the format below.
(do not send this message back to me :-)

BUSINESS NAME/or NAME and CALLSIGN (one please)
SPACE(S) #/LOCATION
ITEM(S) CODES (letter code only)
EMAIL address (one please)

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
Life member ARRL
jskalski@acsu.Buffalo.EDU

From owner-qrp-l@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: George Dobbs <g3rjv@gqrp.demon.co.uk>
Subject: [17971] Dayton Shopping List Continued
Message-ID: <3+PN6EAtr\$WzEwRb@gqrp.demon.co.uk>

You might like to look out for.....

The ... Could it be ... The Smallest Transmitter in the World ...Kit
even smaller than the Oner with a transceive option
..... if I get them done in time!

and...
I have heard a rumour about...
a Oner SWR Bridge

...a oner keyer ?

and none of these would take up much baggage space
and be very simple to smuggle into the house.....

George Dobbs G3RJV
The G QRP Club
g3rjv@gqrp.demon.co.uk

It is vain to do with more
what can be done with less
Willian of Occum (1290-1350)

St. Aidan's Vicarage, 498 Manchester Road, Rochdale, Lancs. OL11 3HE. U.K.

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Peter Gerba <pgerba@crl.com>
Subject: [18029] DX
Message-ID: <Pine.SUN.3.91.970422104649.341A-100000@crl5.crl.com>

Hi All;

I've been reading this reflector for about 2 weeks now and have been QRV
with a NorCal 40 since 3-31-97.

When I got the NorCal running (again) I figured I would use it for local
QS0s. I do work DX with 100W or more, and wire antenna. I am a CW OP,
although not a good one (yet). After reading some of the DX related posts
and with the knowledge that Eric, WA6HHQ has over 100 in the bag with a
QRP rig, I thought I would give it a try.

3/31 0755Z C02JD, 4/1 0658Z KP4/AA60X, 4/3 1409Z JA30VQ, 4/16 0454Z AL7N,
4/18 (my 751A at 5 watts on 30) 0224Z LU5VC, 4/22 0935 K1NT/KH4.. and
lots of state side QS0s.

I hope this will encourage others to try QRP. I live in downtown San
Francisco. The noise is s-5 or better on 40 most of the time. I have a
multi-band inverted V at 45 FT. I don't sign /QRP. If I give a report
including power I tell em 2.5 watts to a wire at 45 ft. If it's
questioned I repeat the report. (I had a local think I was BSing). Lots
of DXers resent QRP OPs. "Oh stop everything for some squeakie guy
running QRP".. I hear it all the time. I don't sign /QRP..no problems!

I can't wait for better sun spots and 15 meters.

73 es DX

pete kn6bi

Peter Gerba

pgerba@crl.com

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Mark Saunders <tracker@dancris.com>
Subject: [17974] FISTS Spring Sprint Contest
Message-ID: <335C1AED.4C27@dancris.com>

I know how much QRPer like to contest, so here is one for all QRPers.
Se you there. Now to get a NA contest template built.

For more info on FISTS contact
<http://n9nvv.qrp.com/~fists/>

FISTS SPRING SPRINT 1997

OFFICIAL FISTS SPRING SPRINT RULES

The following are the Official Rules for the 1997 FISTS Spring Sprint.

OBJECTIVE: To exchange specified information with as many U.S. or Canadian FISTS CW Club stations as possible, using Morse Code only, and within the time frame stipulated.

PARTICIPANTS: Any properly licensed amateur radio operator, FISTS member or non-member, is invited to take part in the contest. At least one of the two stations in each QSO must be a U.S. or Canadian station.

DATE AND TIME: The contest will run from 1700 UTC to 2100 UTC on Saturday May 10, 1997.

BANDS: Operation is limited to the following amateur bands: 3.5, 7, 14, 21, and 28 MHz amateur bands. Work stations only once per band.

CATEGORIES: There are two categories -- QRP is limited to 5 watts output power or less; QRO is over 5 watts output power. To count as a QRP entry a station must operate QRP for the entire contest. A station can not enter both QRP and QRO categories.

EXCHANGE: The following information must be exchanged by both stations to count as a valid contest QSO -- for FISTS members: first name; U.S. state/Canadian province/DXCC country; FISTS number. For non-FISTS members: first name; U.S. state/Canadian province/DXCC country; Power output.

DX COUNTRY STATUS: U.S. states and Canadian provinces are those states and provinces that are contiguous and found within the north American continent. Thus, KL7 is a U.S. state, VO is a Canadian province. KH6 is considered DX for the purpose of the contest, and U.S. dependencies in the Caribbean are also considered DX countries.

SCORING: QSO POINTS: For stations holding General Class licenses or higher, each QSO with a FISTS member counts 5 points. Each QSO with a FISTS member, Novice or Techplus status counts 10 points. Each QSO with a non-FISTS member, Novice or Techplus status counts 5 points. Each QSO with a non-FISTS member, General Class or higher counts 2 points. For stations holding a Novice or Techplus Class license count 10 points per QSO with FISTS members, and 5 points per QSO with non-FISTS.

MULTIPLIERS: Each U.S. state or Canadian province counts as one multiplier count each only once, no matter how many times worked. DX countries count as a multiplier each time worked. If a DX station is worked several times on different bands, each QSO counts as a multiplier. Similarly, two or more DX QSOs from different stations in the same DX country each counts as a separate multiplier.

FINAL SCORE: Equals QSO points times Multipliers. Logs must show all exchange information, mark Novice/Techplus stations worked as /N or /T. Novice and Techplus stations submitting logs must indicate their license class status on those logs. QRP stations must indicate their power status on their logs. Logs without such an indication will be considered QRO status.

For a clarification of any of these rules please send email to pkozup@juno.com or snail mail to either of the addresses below.

Send logs by June 10, 1997, to: Peter Kozup, K80UA, 5115 N. Park Ave., Warren, OH 44481 or Tom Waits, AC5JH.

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Best regards,

Mark Saunders -- KJ7BS
Glendale, Arizona

<http://www.dancris.com/~tracker/tracker.html>
tracker@dancris.com

KJ7BS@KC7Y.AZ.USA.NOAM

FISTS # 2972 QRP-L # 1028

From owner-qrp-l@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: "N4ELM" <n4elm@ipass.net>
Subject: [18003] FS: Heath HW-9 & accessories
Message-ID: <199704221556.LAA14555@passport.ipass.net>

For Sale:

Heath HW-9 HF CW transceiver

with WARC kit.
in good condition, some scratches on the case tops,
all original, no mods.

Includes HM-9 wattmeter, HFT-9 tuner, PSA-9 AC power supply, and original
manuals and schematics.

\$375.00 + shipping (Or Best Offer)

OR

trade towards Wilderness Sierra.

73 - Dave, N4ELM.

From owner-qrp-l@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Mark.Milburn@cybrtech.com
Subject: [17988] FSFM 50/40/30
Message-ID: <199704221137.HAA106816@nss2.CC.Lehigh.EDU>

A reiminder.....

This week is Iowa week for FSFM, and tonight (April 22nd local time)
I will be looking for contacts as follows:

7:00 PM - 9:00 PM CDT	10.115 MHz
9:00 PM - 10:00 PM CDT	7.112 MHz
10:00 PM - 11:00 PM CDT	7.043 MHz

Iowa isn't usually too hard to get for WAS but maybe for 2 x QRP?

We'll see. Drop by. I will NOT be running high speed, and I'll try to answer at whatever speed you find comfortable.

72/73 Mark

KQ0I @ W0AK.#CIA.IA.USA.NOAM e-mail: mark.milburn@cybrtech.com
ARRL-DMRAA-QRP-L #625-NORCAL #1829-ARS #139-NW QRP #418-QRP ARCI #9226
WIMPS Qs=006, 30m=06, 17m=00, 12m=00, States=05, Provinces =00, DX=01

... nfx v2.6 [C0000] The older I get, the better I was

From owner-qrp-l@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Scott Bauer <ke3nv@erols.com>
Subject: [17982] Hawaii on now!! Dx posting
Message-ID: <199704220607.CAA29247@smtp1.erols.com>

Good morning,

N0DSP/KH6 is on the air now at 0600z on 7.022.5 ragchewing.
QTH is Kahuka, name is Tom. Rig is IC 706 to a G5RV. Go get him !!
He is 559 in Md.

72, Scott

72&73 de Scott Bauer W3CV, Odenton, MD. grid FM19. Formerly KE3NV
Fists 1502 QRP Nut SWL Truck Pilot ARRL
Current QRP rigs: Green MTN 15 & 17, HW-8, G-QRP GQ-40
S&S Eng ARK-20, ARK-30, ARK-40, TAC1-80. Emtech NW-8030
49er 38 special at 300mw
visit my web page at <http://www.erols.com/ke3nv/>

From owner-qrp-l@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: SNickrand@aol.com
Subject: [17997] Homebrew T/R Switches?
Message-ID: <970422104415_1684638389@emout14.mail.aol.com>

Now that I'll have a receiver (the Mini 40M RX) for my oner transmitter, does anyone have a schematic for a solid state T/R relay which could mate the two into a super compact QRP transceiver? Bill Nickrand

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: w7rfm@juno.com (John E Hirsch)
Subject: [18026] Honey due list done!!!!
Message-ID: <19970422.132124.2894.0.w7rfm@juno.com>

Well for now anyway.....

With the projects that she wanted done I have been off the air for almost a week.

I plan on being back on 40 m this evening at 0800. I will be operating in the novice band tonight since a couple of the local hams (novices) have ask me to work there for them. I will be in the area of 7110-7112 +/- qrm.

Hope to catch you at a slow pace so that all can copy .

de W7RFM

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: clifton w sikes <csikes@brightok.net>
Subject: [17963] HOT DANG! I Got Kentucky
Message-ID: <199704220005.TAA22651@cowboy.brightok.net>

I'm sorry, I promised myself I wouldn't do this, but I got the last one for QRP WAS. This is my first time, and it's pretty darned exciting. I had about an hour in the contest on Sunday, before church. I caught K4AT, John calling cq from Louisville, and worked him on 40m. I went on to church and said lots of thank you's. Enough of that.

One of the really neat contacts of my 50/40/30 effort was K1GDH, Ed. He told me about his all tube satation, and that it was on the cover of the January QQ. I dug out the magazine, and sure enough, there it was. I got his qsl today, a really good picture of the station. If you hear Ed, give him a call. You are in for a great visit. He runs a 6L6 Tx, and a 6C8 Regen Rx. This IS fun!!!!

Thanks for listening and 72, Clif

Clifton Sikes

AB5UA
Earlsboro,Ok.

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Larry East <w1hue@amsat.org>
Subject: [18006] Input needed on Ten-Tec's Transceiver Kit
Message-ID: <2.2.16.19970422162755.28079e3c@eloi>

I would appreciate some input from builders of Ten-Tec's new single band transceiver kits. In particular:

- How would you rate the quality of the PC board?
- How would you rate the clarity of building instructions in the manual?
- Would you recommend this kit for a novice builder?

I am not interested (at the moment) in building the kit; I have too many unbuilt kits as it is! However, I would like some input on your impression of the kit to verify the information in a review that I have received for the QRP Quarterly. Please reply to me directly.

Thanks & 72, Larry W1HUE/7

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: k4wz@juno.com (RON L TODD)
Subject: [17973] LDG AUTO TUNER
Message-ID: <19970421.214243.8367.2.k4wz@juno.com>

I got my LDG QRP Automatic Antenna Tuner today. I am vry pleased with it.
IT WORKS !!! on serval ant. Tuned 160 on a OCF diople.
Tunes fast

RON TODD K4WZ ex AE4LQ, KE4RZR, WA4EPC
K4WZ@JUNO.COM QRP-L #924 FISTS # 2109

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>
Subject: [18000] Made in USA DVM's?
Message-ID: <199704221519.LAA116969@nss2.CC.Lehigh.EDU>

Hi Gang,

I need a new meter for home and the /P kit. I would like to buy a "Made in the USA" meter. So far the only one I know of is the Fluke. The Model 70

fits my needs, 10Meg input, autoranging, well made, etc. No DC amps, but I can live with that.

Are there any others? Max expenditure here is \$90 so the Simpson stuff is out. BK Precision has a similarly nice unit for the same \$ but its birth SPC is unknown to me.

Let's not forget the famous quote: "I have come to the conclusion myself, as I hope every good citizen will, never again to purchase any article of foreign manufacture which can be had of American make, be the difference in price what it may." -
Thomas Jefferson

72, Mark N2VPK
Member of the Buffalo QRP Connection
WIMPS: Qs=007 30m=7 17m=0 12m=0 States=07/00/00 DXCC=04/00/00

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Martin_Peters@mon.bbc.co.uk
Subject: [18001] MRX40
Message-ID: <EEC02A3301C23A0C@-SMF->

Hello all,

Being reading with great interest comments on this little receiver.

Could someone take the time to briefly describe it?

Can I get hold of one of these from the US. I have the VISA/MASTERCARD and from whom?

Thanks,

Martin G4EFE/GQRP1176

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Rogerio Gonzaga <gonzaga@med.up.pt>
Subject: [17984] My first milliwattting experiments
Message-ID: <199704221010.MAA13276@mail.med.up.pt>

Hi, folks,

Sorry for the bandwith with a common subject, but I have decided to use my recentlyly adquired HW9 exclusively in QRPP (thanks, Stan!!!).=20

As the driver command was quite unpredictable at the milliwatt range (the power rised while transmitting and lowered while cooling down on receiving) I have designed and made an attenuator with series/parallel resistors, matching 50 ohms with a proper aerial and reducing the power by about 7 dBs. At the output jack this ment a reduction in the incoming signal as well, but this has the advantage of "lowering down" the signal of the received station to a level more or less equivalent to my own signal and allow me to work it in similar condx he or she is working me. In the 20 meters, my output, measured with the excellent QRP meter made with Alan Lake=B4s kit (from Lake Electronics, and the usual disclaims), was about 750 mW. I only could do my first experiments sunday night, and at about 10:00 UTC I have directed my TH6 beam to Europe, turned on my homebrewed memory key and called CQ QRP CQ de CT1ETT CT1ETT for a while, and I have worked quite easily an I3 and an IS0 stations. I could not resist, I have turned the beam to the West, and I have worked sucessivelly MD, PA and FL!!!!!! Some of the worked stations from both sides of the pond were G-QRP Club members - nice! Reports from 449 to 559 - I think some of them have been too kind...

Sorry to make you to loose your reading time with common and unimportant things that most of you have already done long ago, but indeed I am delighted (and a little surprised) with these results in a day when propagation was less than ideal. I think that next year, when the propagation will hopefully improve, I will try to feed the beam directelly with the key...

Best 72/73 de Roger, CT1ETT

Rogério A. F. Gonzaga, MD, PhD
Surgical Professor at the Faculdade de Medicina do Porto - Portugal
Ex-Honorary Surgical Registrar at the Hammersmith Hospital - London, UK

Radio Amateur CT1ETT QTH Loc IN51re
G-QRP Club # 8673 ISWL # CT-20574 QRP-L #516 NorCal QRP Club # ???

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997

From: Mark Gilger <mgilger@concentric.net>
Subject: [17967] NE-612 vs. NE-602
Message-ID: <3.0.32.19970421201514.006be6d0@pop3.concentric.net>

Does the 612 have any better characteristics than the older 602 that would warrant replacing them in existing rigs with 602's in them?
Mark

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: wj5o@juno.com
Subject: [17975] need address G-QRP
Message-ID: <19970421.220524.3566.4.WJ50@juno.com>

Can someone steer me to G-QRP Club web page.
TNX ES 73 Bill

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>
Subject: [18015] Noise Blanker circuits?
Message-ID: <9704221821.AA11794@wizard.ucs.sfu.ca>

Looks like the buzznot is a bust for the OHR400 since it uses a TUF-1 rather than the NE602. Is anyone aware of another circuit that may be adaptable?

cheers, Paul
VE7CQK
email: paul1@wizard.ucs.sfu.ca

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: ed.welch@cheaha.com (ED WELCH)
Subject: [17970] Non Corrosive RTV Availability
Message-ID: <8D6548B.0004002662.uuout@cheaha.com>

-> Ed - Nice post on RTV and the chemistry of how it corrodes things.
-> RTV is one of those topics, like AGC and the G5RV, that recur
-> regularly on the list.
->
-> I believe that another source of noncorrosive RTV is the sealer they

-> use for Aquarium joints. This is usually available at tropical fish
-> shops. It is less expensive than the noncorrosive RTV sold for
-> electronic purposes, but is essentially identical.

Another aside to James and Ed's posts. I went to the parts house today looking for the Permatex RTV. What I found were several choices. After reading the panels, etc., I found that only one was stated as being "non-corrosive", this was the Permatex "Ultra Copper" (comes in a copper-colored tube, neat, eh?). The hype on the package states..."700F intermittent (temp...good in homebrew solar-panels), won't harm oxygen sensors (gentle stuff, I guess), and last but not least...low odor/non-corrosive. One thing that did catch my eye was the warning label..."This product contains chemicals known to the State of California to cause cancer, birth defects and other reproductive harm." Didn't see a warning of this type on other "styles" of Permatex RTV... maybe I didn't look good enough.

Anyhow, thanks Ed, for pointing me to this stuff. The aquarium sealer had crossed my mind, James....but finding that around this little town would be harder than finding chicken with teeth. :) Big towns with K-marts, Wal-Marts, and pet shops would probably have it with no problem.

FWIW.

72/73

Ed Welch KF4KRV

NorCal Member #???

1st Grand Poobah ScQRPion of Alabama

QRP-L #873 - FISTS #2964

Luverne, Alabama

Crenshaw County - Grid EM61

```
+-----+  
-----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----  
+-----+
```

> Isn't "time" a 4-letter word? <

From owner-qrp-l@Lehigh.EDU Tue Apr 22 18:04:38 1997

From: wb2vuo@juno.com (William K Hibbert)

Subject: [18014] Parasitically-excited Parallel Dipoles?

Message-ID: <19970422.141927.7791.8.wb2vuo@juno.com>

I deleted it, the referrence ot the parasitically-excited dipoles.

Looking at the discussion on the C3 multi-band yagis, it appears that I could get a dual-band dipole, say for 40 & 20 by cutting a chunk of 450-ohm ladder-line for 40M, and cutting only the 40 Mtr "leg" for the coax. This should then drive the 20 Mtr leg via the mutual coupling.

Does this sound right, or am I missing something here?

72/73, Keith, WB2VUO, QRP-L #582, scQRP 40, 100% QRP
Tech Specialist (ARRL/WNY), ARRL Life Member,
Trustee, KB2YTW/B 10 Mtr QRP Beacon (4 Watts @ 28.2870 MHz)
"In the Depths of the Great Bergen (NY) Swamp...FN13ac"
Packet - wb2vuo@w2im.#wny.ny.usa.noam *** Email - wb2vuo@juno.com
SnailMail - CBA *** Phone - 716.494.1239

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: jerry schnor <jerrylee@fusion.stockton.net>
Subject: [17980] pvc antenna support
Message-ID: <335D9E15.1656@fusion.stockton.net>

Hi Guys,

I have used a 30 ft pvc antenna support for one end of an 80 meter dipole for about six years now in trinity county, northern calif. I used a 2*2 piece of fir for a center support inside the pvc. this keeps it from leaning and provides the strength pvc needs to keep from bending of coming apart. the 30 ft pole has three eight foot pieces of the 2*2 inside it and wire guys at 25 feet. It is over a metal fence pole at the ground to hold the foot in place. It has survived some heavy snows, fifty plus wind storms and lots of winter weather as I am in the area called the Trinity Alps. good luck

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Mark Gilger <mgilger@concentric.net>
Subject: [17964] QRP KEY MFG. CO.
Message-ID: <3.0.32.19970421200146.006be160@pop3.concentric.net>

Someone had posted the web page for "American Radio QRP Key Mfg. Co." some time back. There are no prices for the two keys that show up in web page. They are the "Seventy Three" and the "Eighty Eight". Does anyone have any information and the price of those? I've left them an E-Mail, but they haven't responded.

Mark - WB0IQK-

From owner-qrp-l@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: SCN User <nwqrp@scn.org>
Subject: [18004] QRP to the Field

Hello nwq-l, qrp-l, and others,

Marcia (KC7MCW), Brian (KV9X), and possibly Stan (K7SY) will be going to Bainbridge Island for the Norcal QRP to the Field (QRP field day event). We will be at Faye Bainbridge State Park. We plan to arrive Fri. pm. and set up Sat am.

If you care to join us, just drop on by! I don't know offhand how to get there, but its on the map ... :-)

--Brian, KV9X

i	NorthWest QRP Club	-----
--[scn]--		--0---/\--
) (nwqrp@scn.org	/^\^\/ ^^\ --NW QRP--
/_ _\ http://www.scn.org/IP/nwqrp		

----- Forwarded message -----

From owner-qrp-l@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: "Owen 'OJ' Quarles" <k1oj@swbell.net>
Subject: [17986] QRP-L DX
Message-ID: <335C9B52.4C76@swbell.net>

Howdy from Texas!

Fellow Houstonian and QRP-L member Jack, WA8GHZ, will be operating from 3A0 land for the next 2-3 days on 30 meters. Listen for 3A0/WA8GHZ at 1900z on 10.104.0 mhz. This is pretty rare DX for QRO or QRP so give a listen.

CU---OJ---K10J

HOUSTON, TEXAS

QRP-L 732

..

From owner-qrp-l@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: ka7you@juno.com
Subject: [18033] QRPTTF-SSB-Yes!

Message-ID: <19970422.132752.6855.7.KA7YOU@juno.com>

I will try to be on SSB this weekend. I'm not into CW mobile-I still drive a stick shift, but will try to make some contacts with the Ten-Tec 515 and the Hustler mobile.

What the recommended freq's for SSB on 80, 40, 20, 15, and 10 meters?

7 3,

Rod Johnson KA7YOU CN97AK near Issaquah, Wa. 160M thru 1296 MHz (3456MHz still in the wings) NWQRP#120 ARCI#7251

QRP-L#844

Ask me about producing Three-Wheeled Golf Carts by the hundred--as a hobby??

From owner-qrp-l@Lehigh.EDU Tue Apr 22 18:04:38 1997

From: Ed Loranger <we6w@qsl.net>

Subject: [18025] Question Posted re:hw-8 rig

Message-ID: <335D1BEE.66A4@qsl.net>

I just posted a question about my new HW-8 rig.

Cross-posted to:

news:rec.radio.amateur.misc

news:rec.radio.amateur.homebrew

news:rec.radio.amateur.equipment

Thanks.

-ED Loranger

--

72/73 de WE6W QRP .3W QSX 7040 KHz SK ee (First and Last callsign!)

OHR-100, Pixie2, Johnson Viking II w/VFO.

mailto:we6w@qsl.net QRP-L member #1068.

<http://www.qsl.net/we6w>

From owner-qrp-l@Lehigh.EDU Tue Apr 22 18:04:38 1997

From: kreinbd@ccgate.dl.nec.com (David Kreinberg)

Subject: [17992] Re[2]: QST W1AW Receiver

Hi David and gang:

I, too, am building this little critter. The color burst crystals are back-ordered from Mouser (at least at the local place in Mansfield, TX). However, they should be in this week. Other Mouser locations may

have stock.

This is one of the most common crystals used, so I'm sure they are pretty easy to find. I have some time before I'll start my receiver, so I didn't mind waiting for the crystal.

Looks like a fun little project - hope it works well!

73 de Dave NR3E
nr Dallas, TX QRP-L #25

----- Reply Separator -----

Subject: Re: QST W1AW Receiver
Author: DYARNES@aol.com at smtpink-dl
From owner-qrp-l@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: wb2vuo@juno.com (William K Hibbert)
Subject: [18012] SSB and QRPTTF
Message-ID: <19970422.134245.7791.5.wb2vuo@juno.com>

I will be on 40 & 20 Mtr SSB and CW, 15 if the band shows any life at all.

CW around 7.040 and 7.110, 14.055, 21.060 and 21.120 if there is propagation,
SSB around 7.285, 14.285 and 21.285...

I'll even check out 10 Meters, 28.060 and 28.125 on CW and 28.385 on SSB...

I may be running the BARK Klub Kall, K2BRK, but probably will be on with WB2VUO

IF the application makes it through (I doubt it, but you never know) I will be running the new club call for B/BAMS. We put down 12 different choices, all with a QRP theme. Hopefully one of them comes through...

72/73, Keith, WB2VUO, QRP-L #582, scQRP 40, 100% QRP
Tech Specialist (ARRL/WNY), ARRL Life Member,
Trustee, KB2YTW/B 10 Mtr QRP Beacon (4 Watts @ 28.2870 MHz)
"In the Depths of the Great Bergen (NY) Swamp...FN13ac"
Packet - wb2vuo@w2im.#wny.ny.usa.noam *** Email - wb2vuo@juno.com
SnailMail - CBA *** Phone - 716.494.1239

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>
Subject: [18010] SSB is QRP-TTF
Message-ID: <199704221713.NAA126807@nss2.CC.Lehigh.EDU>

OK,

Let's make it official, 14.285 at the top of the hour and 7.2XX (I forgot the official freq.) at the bottom of the hour.

72, Mark N2VPK
Member of the Buffalo QRP Connection
WIMPS: Qs=007 30m=7 17m=0 12m=0 States=07/00/00 DXCC=04/00/00

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: TonyDrumm@ibm.net (Tony Drumm)
Subject: [18037] SSB is QRP-TTF
Message-ID: <199704222252.WAA147541@out1.ibm.net>

I may try SSB, but I've never gotten much out of my Cascade on 20. Still, worth a try. How about an 80m freq and time?

72.
Tony Drumm
ARS AA0SM - Rochester, MN

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: "Ralph L. Irons" <rli8m@weyl.math.virginia.edu>
Subject: [18018] SSB QRPTTF
Message-ID: <Pine.A32.3.93.970422145518.60059A-1000000@weyl.math.Virginia.EDU>

Here's one more station listening at the top of the hour on 14.285, using a WM-20.

72, Ralph N7RI
Charlottesville VA

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)
Subject: [18005] SSB/5 in QTTF

Mark and all:

I'll be taking a swing at some SSB from TX this weekend. I'll take a few minutes to check out around 14.285 top of every hour, just to change the flavor.

Have fun!

73 de Dave NR3E/5
nr Dallas, TX
qrp-1 #25, ARRL
WIMPS: Qs=025 30m=023 17m=02 12m=00 States=021/02/00
DX=02/00/00

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Elmar Vaher <ekv@intercall.com>
Subject: [17969] Super Keyer CMOS III Trouble
Message-ID: <335C10ED.79D3@intercall.com>

Greetings gang!

My keyer is now giving me a string of dits nonstop on powerup.
I checked for obvious shorts etc.
I think the processor chip has gone bad. Any ideas?

73 de Elmar KB2VTN.

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Bernie Doehner <bad@uhf.wireless.net>
Subject: [18022] T bias network.
Message-ID: <Pine.BSF.3.95.970422155710.28295D-100000@uhf.wdc.net>

Hi:

Do any of you have experience building T bias networks, so that I could

use the antenna coax to also (DC) power the remotely located automatic antenna tuner (outside at the base of the inverted L - long wire)?

Thanks.

Bernie

From owner-qrp-l@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: k4wz@juno.com (RON L TODD)
Subject: [18032] T/R SWITCH
Message-ID: <19970422.155718.4591.9.k4wz@juno.com>

I have built a Mirconaut and a MRX-40, Working fine.
Can I hard wire the Ant to both rec and tnx. And switch B+ between the two for the T/R SWITCH ???
Ron

RON TODD K4WZ ex AE4LQ, KE4RZR, WA4EPC
K4WZ@JUNO.COM QRP-L #924 FISTS # 2109

From owner-qrp-l@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Paul Erickson <paul1@wizard.ucs.sfu.ca>
Subject: [18031] the facts of life (delete if you don't like jokes)
Message-ID: <9704222051.AA15030@wizard.ucs.sfu.ca>

The Facts of Life:

1. The 2 most common elements in the universe are hydrogen and stupidity.
2. If at first you don't succeed, skydiving is not for you
3. Money can't buy happiness...But it sure makes misery easier to live with...
4. Deja Moo: The feeling that you've heard this bull before.
5. Psychiatrists say that 1 of 4 people are mentally ill. Check 3 friends. If they're OK, you're it.
6. Nothing in the known universe travels faster than a bad check.

7. A truly wise man never plays leapfrog with a unicorn
8. It has recently been discovered that research causes cancer in rats.
9. Always remember to pillage BEFORE you burn.
10. If you are given an open-book exam, you will forget your book.
11. COROLLARY: If you are given a take-home test, you will forget where you live.
12. The trouble with doing something right the first time is that nobody appreciates how difficult it was.
13. It may be that your sole purpose in life is simply to serve as a warning to others.
14. Paul's Law: You can't fall off the floor.
15. The average woman would rather have beauty than brains, because the average man can see better than he can think.
16. Clothes make the man. Naked people have little or no influence on society.
17. Vital papers will demonstrate their vitality by moving from where you left them to where you can't find them.
18. Law of Probability Dispersal: Whatever it is that hits the fan will not be evenly distributed.
19. Supplement : A 0.44 Magnum beats 4 aces.

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Wayneb1103@aol.com
Subject: [18017] The PIXIE
Message-ID: <970422145718_-1233350449@emout05.mail.aol.com>

I feel another learning experience comm'on on...

I have been looking at the PIXIE circuits lately and of course I am tempted to try one. I don't clearly understand how the xtal frequency and the frequency at the antenna are mixed to provide audio to the 386. The ant freq is coming in on the collector, the xtal is entering at the base and the audio

is picked off at the emitter. So is the unkeyed final (2N2222) acting at the mixer?

I see a 100uH choak feeding back from the emitter to the base but suspect that is used during transmit when the emitter is grounded.

If anyone has built one of these things I would like to know how they worked. I understand QRPP featured them probably in '95 - the year before I joined the list so I missed all the comments of the time.

Thanks

Wayne WB7WHI
Spokane, Wa.

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
Subject: [18028] Re: 20m 3el vert beam

I discovered a typo in the description of this antenna on my web page at:

<http://people.delphi.com/CecilMoore/20m3elv.htm>

The end of the reflector should be at 26.4 ft, not 24.6 ft.

Sorry 'bout that, 73, Cecil, W6RCA, 00TC

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: "Robert P. Okas" <vintage@best.com>
Subject: [18036] Re: 40A mod & other
Message-ID: <Pine.SGI.3.95.970422144531.103A-1000000@shellx.best.com>

On Tue, 22 Apr 1997 tim_hynde@idecc.com wrote:

>
>
> Q1. If I wanted to replace the varactor diode in the NorCal 40a for a
> capacitor can someone recommend a value. I want to get 7.0 to 7.150

<snip>

>
> Q2 - Not QRP but since there are some real wiz kids on this
> reflector...I have a 6m commercial rig using a rock about 6.5MHz for
> TX and 13.5MHz (+/-) rock for RX. Can anyone recommend a DDS chip that

<snip>

>
> 73, Tim, ka8ddz
>
>

Tim,

A1. There's a better way to get 150 KHz coverage. A mod was published (a few years ago now) that uses a 10-turn pot and some simple circuit mods. I implemented it in my NC40 and I'm quite pleased with the results. Also, you'll want to broadband the TX chain a bit as it's pretty narrow in stock form, at least on my non-A version. An early issue of QRPP contains a list of mods. As an aside, I've built a VFO which uses an air variable coupled to a 4:1 reduction drive and covers the entire 40m band. It tunes too fast for my taste and I'm considering varactor-izing it and using a multi-turn pot for tuning.

A2. I have a rock-bound Mocom-70 and considered doing exactly what you have in mind. The caveat is that the front end and TX BPFs are quite sharp and won't cover the whole 6m FM portion. This was enough to dissuade me from continuing. S&S Engineering does make a DDS VFO kit which might be adaptable to your situation.

Good Luck,
Bob - W3CD

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [17994] Re: 8044 data sheet needed
Message-ID: <199704221422.PAA18449@chuck.dallas.sgi.com>

Rick et.al.,

ftp to ftp.lehigh.edu and login as anonymous with your email address as the password.

cd /pub/listserv/qrp-1/components

then do

get 8044.ps

(Note: the file is shown as 8044.ps.Z 'cuz it is compressed.
If you do a get without the .Z, you get the file on your system
uncompressed through the magic of software interfaces.)

This file is ASCII and a PostScript file that you must send to
a PostScript printer to get it correctly printed. It has all
the schematics and prints very nicely. It is for this reason
that I firmly believe that all schematics and manuals should
be done in PostScript.

As proof of this wander over to my home page. Go to the Pixie
Project on the first page and then wander down through all the
photos and get down to the schematics. Print off the .jpg
versions and then print off the PostScript version and tell
me what the difference is. Also, if you have a PostScript
printer, there is a line with the keyword setlinewidth in it.
The number at the first of the line is most likely a 0 for the
smallest linewidth the printer will do. If you have a 600 dpi
printer, this number is too small - change it to a 1. You may
have to play with this to see what works best for you.

I can understand the economics and the considerations for speed
at the sacrifice of quality, but I think that PostScript, although
it sometimes generates relatively large files, does produce the
best results and can take the merits discussion offline. Please.

FYI

Chuck Adams K5FO CP-60 adams@sgi.com
http://reality.sgi.com/employees/adams_dallas/
WIMPS: Qs=026 30m=21 17m=5 12m=0 States=17/05/00 DX=02/00/00 QSLs=005

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: SCN User <nwqrp@scn.org>
Subject: 97qrpttf.htm

[INLINE]

QRP TO THE FIELD 1997 (c) by [1]Doug Hendricks KI6DS

Saturday April 26, 97, 1300 utc to 0100 utc (Saturday)

Single Transmitter, declare best (8) continuous hour period for
contest scoring.

Open to all Radio Amateurs, all modes, and all bands except WARC.
Once started, maintain the same power and location categories.

Exchange:

Phone RS and State, Province, or Country

Digital (CW, etc.) - RST and S, P, or Country

QSO Points:

1 watt or less out - 10 points

5 watts or less out - 5 points

over 5 watts - 2 points.

Multipliers:

Field location (Battery power & Temporary Antennas) 4X

Home location (Commercial power & Permanent Antennas) 2X

Home-brew Equipment = 3X

Commercial Equipment = 2X

Final score:

Band per Mode QSO points X the location multiplier X the
equipment multiplier.

Add the Band per Mode totals to figure the final score.

Awards:

Certificates to the TOP TEN scoring stations and to PARTICIPANT
entries with 20 or more contacts (include a 9x12 envelope and 3 units
of postage for participant certificate). Send Logs with station and
location descriptions to: QRP To The Field, 6822 131 Ave SE, Bellevue,
WA, 98006-4038, by May 15, 1997. Include a #10 SASE for results. All
contest committee decisions are final.

Last year entrants were encouraged to operate from places of
historical interest or significance. This year we are encourageing
entrants to set up and operate from places where "strange" things have
occurred. If you live near a Sasquatch sighting, a UFO sighting, or a
"secret" military installation, this is the type of place we are
talking about.

As an example, Monte Stark, Bob Follett, Paul Harden and Doug Hendricks will be operating from Area 51 in Nevada. They will fly in to Las Vegas, rent vehicles and then proceed to their destination at Area 51. Please listen for their station, which will be calling CQ 51 as an identifier. All stations worked will be qsl'd with a special qsl card to honor the event. (Providing that they make it back.).
QSL via Paul Harden, NA5N, 120 Garden Circle, Socorro, NM 87801.

[2][LINK] The NorCal Page

References

1. <mailto:ki6ds@telis.org>
2. <http://www.fix.net/~jparker/norcal.html>

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Jim W7LS <w7ls@brigadoon.com>
Subject: [18024] Re: AADE'S Digi Display
Message-ID: <199704222013.NAA21972@olympic.brigadoon.com>

>Date: Tue, 22 Apr 1997 13:10:34
>To: mikec@primenet.com
>From: Jim W7LS <w7ls@brigadoon.com>
>Subject: Re: AADE'S Digi Display
>
>Yep. Got one last week. Takes 10-20 minutes to put together. Looks good.
Haven't tried it, yet.
> One seemingly goofy thing is the way you input IF offsets and
prescaler offsets. You use a 10 turn pot for each of them. Turn it to vary
the numbers. What's even more disturbing is that it does not latch the
numbers. If the pots drift, then the whole shebang drifts. Hmmmmmmmm. I think
he should change that.
>
>Jim W7LS
>
>At 10:35 AM 4/22/97 -0000, you wrote:
>>
>>Greetings gang,
>>
>>Has anyone tried one of the digital frequency displays by
>>Almost All Digital Electronics?

>>
>>Impressions?
>>
>>Mike
>> NQ7K
>>AZ ScQRPions
>>
>>
>>
>>
>

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: "'AB7HI' Stephen Lee" <slee@u.washington.edu>
Subject: [18027] Re: AADE'S Digi Display
Message-ID: <Pine.A41.3.95b.970422133225.110884B-1000000@homer16.u.washington.edu>

On Tue, 22 Apr 1997, Jim W7LS wrote:

> >Date: Tue, 22 Apr 1997 13:10:34
> >To: mikec@primenet.com
> >From: Jim W7LS <w7ls@brigadoon.com>
> >Subject: Re: AADE'S Digi Display
> >
> >Yep. Got one last week. Takes 10-20 minutes to put together. Looks good.
> Haven't tried it, yet.
> > One seemingly goofy thing is the way you input IF offsets and
> prescaler offsets. You use a 10 turn pot for each of them. Turn it to vary
> the numbers. What's even more disturbing is that it does not latch the
> numbers. If the pots drift, then the whole shebang drifts. Hmmmmmmm. I think
> he should change that.
> >
> >Jim W7LS
> >
> >At 10:35 AM 4/22/97 -0000, you wrote:
> >>
> >>Greetings gang,
> >>
> >>Has anyone tried one of the digital frequency displays by
> >>Almost All Digital Electronics?
> >>
> >>Impressions?
> >>

> >>Mike
> >> NQ7K
> >>AZ ScQRPions
> >>
> >>
> >>
> >>
> >
>
>
>

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Bill Myers <bjmyers@arc.net>
Subject: [18034] Re: AADE'S Digi Display
Message-ID: <1.5.4.16.19970422170926.1a97252a@mail.arc.net>

At 10:35 AM 4/22/97 -0000, Michael Connor wrote:

>
>Greetings gang,
>
>Has anyone tried one of the digital frequency displays by
>Almost All Digital Electronics?
>
>Impressions?

I've had mine for a while now and I love it.

Assembly was relatively easy, calibration was easy, operation was easy.

The one I have is being used for a test bench freq counter.

I heartily recommend it to anyone looking for an inexpensive digital frequency readout device...

72/73

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
Subject: [17972] Re: Antenna Experiments

>From: Craig LaBarge <LaBarge_C@compuserve.com>
>What kind of feed point impedance is normal for a vertical like this
>with 4 radials on the ground? Does the higher feedpoint impedance
>have to do with ground losses? 73, Craig WB3GCK

Hi Craig, your feedpoint impedance isn't high - it's low. Probably around 20 ohms giving an SWR of $50/20 = 2.5:1$. High SWRs are often caused by low impedances, especially for verticals. A 2:1 UNUN would help and they're easy to wind on a ferrite rod.

73, Cecil, W6RCA, OOTC

From owner-qrp-l@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: KFGlynn@aol.com
Subject: [18020] Re: Any SSBers in QRPTTF?
Message-ID: <970422154611_18458710@emout07.mail.aol.com>

Hi Mark and gang,

Well I'm planning on working 20M ssb with MFJ-9420 this Sat as well as 20M and 40M CW. Don't want to hex things, but I don't want to sit in a puddle that's for sure. Right now the wx is perfect, hope it holds out.

I will be working from Brooklyn, Ft Hamilton Army Base, where some weird things have happened I'm sure. How about Italian prisoners being let out during WW II to go eat with their relatives in Bensonhurst, Brooklyn? A really weird (bad, I guess, too) movie was made in my neighborhood, Saturday Night Fever. What a horror that was about 20 years ago. I'll be working near the foot of the Verrazano Bridge. Hoping to work with Elmar, KB2VTN, Jeff WB5GWB and others from the LIQRP club.

What freq are you guys going to hang around on 20M?

72 Kevin N2T0 (ex-KB2TE0)

From owner-qrp-l@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>
Subject: [18023] Re: Anybody tried a bi-square antenna?
Message-ID: <199704222010.QAA50247@nss2.CC.Lehigh.EDU>

Hi Bill,

I tried a "bi-square delta" once with OK success. That antenna is a full

wave delta loop cut for 40M, apex down, ladder feed, with a 20M 1/4 L stub opposite the feed point. The idea is that the stub looks open on 20M and slightly inductive on 40M.

My St. Louis Tuner did fine with it on 40 and 20 but could not tune it on 30. You see, if the top leg is cut to be 46', the antenna will also work like a dipole on 30M.

On 20M I worked an ON6 one afternoon from my in-laws cottage where I do lots of antenna testing. We had a 10 minute QSO with no trouble. I was running 4W and the loop was broadside to him. So I guess the bottom line is: configuring the wire as you suggest will only work better than mine did. The Antenna Book says to expect 3.5dB of gain, or so.

Oh, my antenna worked just FB on 40M. Just like the loop I had up.

See you in QRPTTF. My Bobtail Array will pointed right at your QTH!

72, Mark N2VPK

Member of the Buffalo QRP Connection

WIMPS: Qs=007 30m=7 17m=0 12m=0 States=07/00/00 DXCC=04/00/00

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [17995] Re: Buzznot ?
Message-ID: <Pine.SUN.3.90.970422072440.10897B-1000000@vortex>

Hi Paul,

I put one in my NorCal 40a and have found it to be well worth the effort.

I works much like the one in my TS 930.....does a very good job on some noise and not so well on other types. Seems to work just like the book says!

Never tried it on car noise.

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....

....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: "Robert P. Okas" <vintage@best.com>
Subject: [17961] Re: Centennial SSB xcvr -- Parts List
Message-ID: <Pine.SGI.3.95.970421162015.16780A-100000@shellx.best.com>

Ralph,

Thanks for letting us have a gander at the P/L. Since you
have some time on your hands until May, why not post an ascii-fied
schematic? ;-}

Bob

From owner-qrp-l@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [17993] Re: Change new e-mail.
Message-ID: <199704221403.PAA18105@chuck.dallas.sgi.com>

Joe et.al.,

The typical way to change email addresses and reduce the overhead
of both Jim and I is to first unsubscribe from the list using the
old email address before you pull the plug. This, of course,
assumes that you have/had some prior notice that this change was
coming.

Then resubscribe from the new email address.

All of this is independent of the QRP-L number that you have.
That is permanent. I get email periodically from people worrying
about that when they should not.

So hope this clears up the topic for some time to come.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com
http://reality.sgi.com/employees/adams_dallas/
WIMPS: Qs=026 30m=21 17m=5 12m=0 States=17/05/00 DX=02/00/00 QSLs=005

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: "'AB7HI' Stephen Lee" <slee@u.washington.edu>
Subject: [18002] Re: Fluke 8010A (c 1978)
Message-ID: <Pine.A41.3.95b.970422083854.35666A-100000@homer33.u.washington.edu>

Have you tried: Fluke United Kingdom LTD (phone: 44-1923-240511)
Colonial Way
Watford
Hertfordshire WD2 4TT

There are also a couple of repair facilities in the US:

Fluke Corporation	Fluke Corporation
Customer Support Services	Customer Support Services
2104 Hutton Drive, Suite 112	1420 75th St SW
Carrollton, TX 75006	Everett, WA 98302
Phone: 1-972-406-1000	Phone: 1-206-356-5560

One will, of course, need to use an appropriate country code in place of the "1" in the US phone number. Fluke has a WEB page at: <http://www.fluke.com>
If you are dissatisfied with any Fluke product or service, write them and let them know. Enjoy!

Stephen Lee, AB7HI, Tacoma, WA
slee@u.washington.edu

On Mon, 21 Apr 1997 G3XUH@aol.com wrote:

> Help.
> I Have a Fluke Multimeter Model 8010A Made in 1978.
> I require a New LCD Display made by Crystaloid SF344 H1 6912D
> or Fluke Stock No 453100. I dont seem to be able to get one in
> the UK can anyone point me in the right direction at a reasonable
> price.
>
> 73s Ray G3XUH
>

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Roger Hightower <n7kt@dancris.com>
Subject: [17959] Re: helium balloons as portable antenna supports.

Message-ID: <335BF4EA.7869@dancris.com>

QST, May 1997, page 31.

--

72/73 de Roger N7KT n7kt@dancris.com Mesa, AZ Grid DM43cj
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Stanley Wilson <microres@crl.com>
Subject: [17998] Re: Homebrew T/R Switches?
Message-ID: <Pine.SUN.3.91.970422075127.16963B-100000@crl6.crl.com>

Might just try some back to back diodes across the rcvr input.

What is the output IC of the Rx ? might mute it with a FET. With a
one'er the diodes might be all you need.

de stan ak0b

From owner-qrp-l@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Kory Hamzeh <kory@avatar.com>
Subject: [18009] Re: Homebrew T/R Switches?
Message-ID: <Pine.BSI.3.91.970422094901.19238C-100000@avatar.avatar.com>

I'm also interested in a solid state QSK circuit to add to a 25 watt
solid state amp that I am building (see W1FB's column in Jan 96 of CQ).
W1FB mentions his QSK circuit in his QRP notebook, but it seems that that
circuit is very lossy. Also, in the book he says its rated for 5 watts,
but in the CQ article he says it can handle 25 watts. And on top of this,
I can not figure out how to use his circuit in an external amp.

Any pointers to good QSK T/R switching for external amp would be great!

Thanks,
Kory

On Tue, 22 Apr 1997 SNickrand@aol.com wrote:

> Now that I'll have a receiver (the Mini 40M RX) for my oner transmitter, does
> anyone have a schematic for a solid state T/R relay which could mate the two

> into a super compact QRP transceiver? Bill Nickrand
>
>

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Brad Mitchell <bmitchel@kodak.com>
Subject: [18030] Re: Homebrew T/R Switches?
Message-ID: <335D4E15.73E5@kodak.com>

I went through this a long time ago, and so it's worth sharing this information with everyone.

Yes, you can make a t-r switch and I made one for my setups, using a Cubic Incher (ala DeMaw) and the Sudden Rx (ala Rev George Dobbs.).

Basically I copied a lot of stuff from DeMaw, and finally found that with Direct conversion receivers with the NE-602 it was difficult to mute the Rx enough, but not impossible. (Remember you want to be able to hear your transmitted tone for sidetone!)

What I ended up doing was for the receiver, you sample the final side of the harmonic filter, for the Rx, back to back diodes, so that nothing will fry the front end of the Rx when transmitting, and then I also added what I call a slam transistor.

I used a pn2222 to basically ground the rx front end. That's what DeMaw used in his article, and maybe there is a better solution?

What it ends up looking like is several wires between the rx and tx, and that's when I realized that I could just put it all together as one, and save wires! All in all my solutions worked, but were never perfect. Lots of contacts were made these rigs and setups!

73 Brad WB8YGG

SNickrand@aol.com wrote:

>
> Now that I'll have a receiver (the Mini 40M RX) for my oner transmitter, does
> anyone have a schematic for a solid state T/R relay which could mate the two
> into a super compact QRP transceiver? Bill Nickrand

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Scott Bauer <ke3nv@erols.com>
Subject: [17977] Re: MRX-40 rcvr kits
Message-ID: <199704220427.AAA04038@smtp3.erols.com>

Hi Steve and group,

I have finished building my MRX-40 receiver kit today. It took less than one hour to build. The kit was not missing anything and every part was 100% brand new. The manual was put together very well and the instructions were easy to follow. I did find one small mistake in the manual. The last step, #15 A sais to install the Audio wire behind C9. If you look very carefully at the board, that is the Ant pad. The Audio pad is behind C8. The board is marked correctly, just a misprint in the manual. I would also suggest mounting L1 so the body of the choke is next to the antenna pad. This will give plenty of room to mount C9. I also suggest mounting L2 with the body of the choke next to D1, this will make mounting the crystal much easier.

I cant believe how well this teeny tiny receiver works! After checking my work, I plugged in the battery and heard N5DUQ/QRP calling CQ, he was 579 at 0335z. There is plenty of audio, The sensitivity control works very well. It is amazing how well 23 parts and a board can make such a fine little receiver, esp for only 18 bucks!

Steve Bornstein did an excellent job designing this receiver. I would like to thank Steve and the Columbus QRP Club for a job well done. I cant wait to see if there will be a matching transmitter for the MRX-40.

This is a real fun kit. It works great, and its best of all, less than 20 bucks.

72/73 to all.

Scott usual disclaimers

At 04:42 PM 4/21/97 -0400, you wrote:

>G'day Scott,

>

>Glad your kits arrived promptly. I'd like your opinion of the kit after you
>have assembled them. I've been thinking about doing a xmtr about the same
>size

>with about a watt or so output. What do you think?

>

>73, Steve K8IDN

>

>

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
Subject: [18007] Re: NE-612 vs. NE-602
Message-ID: <199704221641.LAA03484@multi13.netcomi.com>

>
> Does the 612 have any better characteristics than the older 602 that
would
> warrant replacing them in existing rigs with 602's in them?
> Mark
>

The NE612 is a reduced spec version of the NE602. The circuit is the same.
The difference is that the NE612 is not as well tested.

The NE612 is intended for consumer applications that absolutely must cut
every penny out of the cost.

It would make no sense to replace perfectly good NE602s with the less
qualified NE612.

Should you replace NE612s with NE602s? The differences aren't worth the
time it takes to unscrew the screws holding the case together.

A far, far better thing to do would be to redesign your rig so that NE602s
or NE612s are not used in the front end of the rig, before the AGC loop and
filters.

Mike K1MG

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: "Robert D. Haslach" <rhaslach@CapAccess.org>
Subject: [17985] Re: QRP KEY MFG. CO.
Message-ID: <Pine.SUN.3.91-FP.970422064451.4644C-1000000@cap1.capaccess.org>

I don't know model numbers, but the mfctr is George Kost and I bought
"The Red Key" for \$28 plus tax at Timonium
On Mon, 21 Apr 1997, Mark Gilger
wrote:

> Someone had posted the web page for "American Radio QRP Key Mfg. Co."
> some time back. There are no prices for the two keys that show up in web
> page. They are the "Seventy Three" and the "Eighty Eight". Does anyone
> have any information and the price of those? I've left them an E-Mail, but
> they
> haven't responded.
> Mark - WB0IQK-
>
>

Regards,
Robert D. Haslach
Bye

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: DYARNES@aol.com
Subject: [17976] Re: QST W1AW Receiver
Message-ID: <970422001612_-1735763539@emout15.mail.aol.com>

I guess it was about 25 years ago or so that Radio Shack initiated their "cube" series which included a weather radio as one model and a WWV receiver as another. I picked up the WWV receiver for like \$18 or something like that, and it has turned out to be one of the handiest little gadgets I ever acquired (particularly at Radio Shack). By the pushing one of three buttons you can select 5 mhz., 10 mhz., or 15 mhz. It's surprising how well this thing works. Anyway, if you ever see one of them at a swap meet, grab it!

Even though I have the little jewel described above, I did get the urge to build the one in QST after reading the article. The crystal apparently is in plentiful supply, but since I have not run across them before, are they available at most electronics parts houses? TV parts stores?

72 de David W7AQK

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Bill Myers <bjmyers@arc.net>
Subject: [18035] Re: Question Posted re:hw-8 rig
Message-ID: <1.5.4.16.19970422170924.1a974bb2@mail.arc.net>

At 01:13 PM 4/22/97 -0700, Ed Loranger wrote:
>I just posted a question about my new HW-8 rig.
>Cross-posted to:

>
>news:rec.radio.amateur.misc
>news:rec.radio.amateur.homebrew
>news:rec.radio.amateur.equipment

Ed...

What was the question?

There are many of the qrp-l members that do not "participate" in the news groups.

I, personally, spend the time I used to waste deleting the bickering on them building and operating my equipment...

72/73

--
Bill Myers KK4KF Grid - EM60rk
FISTS#2390 QRP-L#755 ARCI#9282 scQRPions#42
CQC#386 NE#508 AK/QRP#081
Snail Mail P. O. Box 178 Shalimar, FL 32579
e-mail <bjmyers@arc.net>
homepage <http://www.nfds.net/~bmyers/>
CHECK OUT THE FISTS INTERNATIONAL CW CLUB U. S. HOMEPAGE
<http://n9nvv.qrp.com/~fists> (That's N 9 N V V)

From owner-qrp-l@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: "Ed Hare, W1RFI" <ehare@arrl.org>
Subject: [17996] Re: Re[2]: QST W1AW Receiver
Message-ID: <5jiik5\$9t4@mgate.arrl.org>

kreinbd@ccgate.dl.nec.com (David Kreinberg) wrote:

> I, too, am building this little critter. The color
> burst crystals are back-ordered from Mouser (at least
> at the local place in Mansfield, TX). However, they
> should be in this week. Other Mouser locations may
> have stock.

> This is one of the most common crystals used, so I'm
> sure they are pretty easy to find. I have some time before
> I'll start my receiver, so I didn't mind waiting for the
> crystal.

Any junk color TV will have one. You can also buy one (at a slightly higher price than most mail order) from any local TV repair shop. They may even be willing to let you take a scrap TV chassis off their hands.

--

73 from ARRL HQ,
Ed Hare, W1RFI
ARRL Laboratory Supervisor

From owner-qrp-l@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Roger Hightower <n7kt@dancris.com>
Subject: [17958] Re: solar panels
Message-ID: <335BF4AB.2E11@dancris.com>

Try Mike Bryce, WB8VGE of SunLight Energy Systems. He has some good stuff.

e-mail address is: 73357.222@compuserve.com

snailmail: P.O. Box 508, Massillon, OH 44648-0508

I've had one of his panels and controllers for abt 3 yrs and like it.

--

72/73 de Roger N7KT n7kt@dancris.com Mesa, AZ Grid DM43cj
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: Bernie Doehner <bad@uhf.wireless.net>
Subject: [17965] Re: solar panels
Message-ID: <Pine.BSF.3.95.970421185849.24385E-100000@uhf.wdc.net>

> Gang

>

> A friend in NC wnts to know where he can obtain a solar panel(s) that wil
> deliver 12-16 volts at .5 (1/2) amp. the size about two standard paper 8 1/2
> by 11 inches.

> cost kept below \$150. ???? is it possible ???

>

> Al K0FRP or contact him at genekq4av@worldnet.att.net

>

Me too! Great device for letting you stay in the wilderness for long periods of time without worrying about recharging. All panels I have seen are too expensive for my blood.

Bernie

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997
From: ed.welch@cheaha.com (ED WELCH)
Subject: [17979] Re: solar panels
Message-ID: <8D654D1.0004002695.uuout@cheaha.com>

-> > A friend in NC wnts to know where he can obtain a solar panel(s)
-> that wil > deliver 12-16 volts at .5 (1/2) amp. the size about two
-> standard paper 8 1/2 > by 11 inches.
-> > cost kept below \$150. ??? is it possible ???
-> >
-> > Al K0FRP or contact him at genekq4av@worldnet.att.net
-> >
->
-> Me too! Great device for letting you stay in the wilderness for long
-> periods of time without worrying about recharging. All panels I have
-> seen are too expensive for my blood.

Mike Bryce might be able to help you out with this. (Sorry don't have an address handy....anybody out there got it handy?). Anyhow, ask him about the Solarex MSX-10....here's some of the data...

10 watts (guaranteed 9 watts)
Volt @ peak power 17.1v
Current @ peak power 0.58a
Short-circuit current 0.6a
Open-circuit voltage 21.1v
Output cable 15 feet long
Weight is 3.3 pounds

Sorry my copy of a fax of a copy of a fax just doesn't reveal the fine deminsions in inches but I can vaguely make out the metric measurements..... 420x135 milimeters...might be off some there as the numbers are *real* rough (and I used my flourescent magnifying lense!

I think these might be had for the amount mentioned above....maybe cheaper?

FWIW.

72/73

Ed Welch KF4KRV

NorCal Member #???

1st Grand Poobah ScQRPion of Alabama

QRP-L #873 - FISTS #2964

Luverne, Alabama

Crenshaw County - Grid EM61

```
+-----+
-----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----
+-----+
```

> Isn't "time" a 4-letter word? <

From owner-qrp-1@Lehigh.EDU Tue Apr 22 18:04:38 1997

From: KFGlynn@aol.com

Subject: [18021] Re: SSB is QRP-TTF

Message-ID: <970422154724_119116887@emout17.mail.aol.com>

Hi Mark,

Does anyone know of any nets around that freq/time? Going to go +/- 5 KHz
or so in case?

72 Kevin N2TO